Name of Faculty M AMARNATH

Designation Assistant Professor

Nature of Job/Appointment Regular

Date of Joining 24-06-2019(Regular)

E-mail amaranth_maths@cbit.ac.in

Education Qualifications Name of the Degree Class Ph. D Doctor of Philosophy Pursuing First class

M. Sc. (Applied Mathematics) PG

B.Sc. First class UG

Work Experience

Level

Teaching 11 Years

Research

Industry

Others

Area of Specialization Mathematics

Indian Science Congress, Indian Society of Theoretical and Applied Professional Memberships

Mechanics

1. Confidential work at COE. Responsibilities held at Institution Level

2. Member in College Annual Day Function.

1. Member in course Expert group. Responsibilities held at Department

2. Course Audit Coordinator.

3. Timetable in charge.

Research Guidance

Awards Received

Differential equations and Transform Theory, Vector Calculus and Courses Handled at Under Graduate / ** Differential equations, Applied Mathematics.

Post Graduate Level. Mathematics-1, Mathematics-2, Engineering Mathematics-1,

Engineering Mathematics-2, Engineering Mathematics-3,

National Journals -00 International Journals - 05 No. of Papers Published

International Conference - 00 National Conference -00

Projects Carried out

Patents

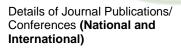
Invited Speaker

Technology Transfer

No. of Chapter Published with details WS/ Seminars/ Conferences/ STTPS/ FDPs Attended

of Details Short-Term Training M AMARNATH Asst. professor, attended a one week Programs/Faculty Development Faculty Development Programme on National level FDP Programs/Seminars/Workshops/Other "Recent Trends in Mathematics" organized by Trainings (Attended and/or Department of Mathematics and Statistics under DBT-Star Organized). college scheme from 14-02-2022 to 18-02-2022.

- M AMARNATH Asst. professor participated in One Week Faculty Development Programme on "Recent Trends in Applications of Mathematics (RTAM)" organised by Department of Freshman Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati from 12th - 17th July 2021.
- 3. Participation in one week online Faculty Development Programme on "MATHEMATICS FOR A BETTER WORLD" held during 21st-26th March, 2022.
- Participated40-Hour Online FDP on "Mathematical Relevance to Artificial Intelligence and Machine Learning" organized by E&ICT Academy, NIT Warangal and CMR Engineering college(A) Hyderabad from 7th-17th February,2022
- Participated One Week Online International Faculty Development Programme on "THE ROLE OF LINEAR ALGEBRA IN MACHINE LEARNING, ARTIFICIAL INTELLIGENCE & DATASCIENCE", organized by Departments of Mathematics and Humanities, Computer Science Engineering and Information Technology, Mahatma Gandhi Institute of Technology, Hyderabad from 29-11-21 to 03-12-21.
- M AMARNATH Asst. professor, attended a one week Faculty Development Programme on e-learning: managing online classes & creating content organized by IQAC Cell, Anuradha Engineering College held during 8th to 12th June, 2020.
- M AMARNATH Asst. professor, attended a one week online Faculty Development Programme on "Outcome Based education and NBA Accreditation process -UG" ,from 28th MAY-1ST JUNE,2020,organized by CBIT, Hyderabad.
- 8. M AMARNATH Asst. professor, attended a Short term training programme on "MATLAB based Teaching-Learning in Mathematics, Science & Engineering". Organized by the Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt.. Ltd. Mumbai during 18th to 22nd May 2020.
- Attended "2-Day Rural Immersion Training Programme on Swachhatha Action Plan and community Engagement" held on 14th and 15th November2019, organized by Mahatma Gandhi National Council of Rural Education, Hyderabad collaboration with CBIT, HYD.
- Attended 4th International Vedic Mathematics Conference held at Chaitanya Bharathi Institute of Technology, Hyderabad from 29th, AUG to 31st AUG, 2019.
- 11. M AMARNATH Asst. professor, attended a one week Faculty Development Programme on "Data Science" E & ICT Academy, NIT, Warangal at CBIT (A), HYD ,from 5th-10th August, 2019.



International Journal

- 1. P.Ramulu, C Gangadhar, M.Amarnath and G.L.Reddy(2021) "On The Location of Zeros of Polynomials with Different Complex Coefficients", Advances in Dynamical Systems and Applications (ADSA), volume 16, number 2, 2021. ISSN 0973-5321.
- 2. B R Sreedhar, K.Muthyalappa, M.Amarnath (2020) "A Stochastic Study on Different Oil Seeds Using DEA Approach", International Journal of Scientific Research in Mathematical and Statistical Sciences, Volume -7, Issue- I pp. 086-091, February (2020).
- 3. P Muralikrishna, B Satyanarayana,KRajagopal,M Amarnath (2019) "Thermodynamic And Transport Properties of Binary Liquid Mixtures of Sulfolane With Some organic solvents at 308.15K", International Journal Recent Scientific Research, Vol. 10 Issue 05(B) pp. 32254-32257,May(2019).
- PSuresh, Hari Krishna, B. Mahaboob, MAmarnath, P.V Janardhar Reddy (2019) "Heat transfer and stagnation point flow of non-newtonian casson fluid over stretching surface", International Journal of Modern Engineering and Research Technology, Volume 6, Issue 2 pp. 033-039.



 K.Muthyalappa, B R Sreedhar, M.Amarnath (2023) Forecast Analysis of Yearly Groundnut Productivity in India Using Auto Regression Integrated Moving Averages Model. NOVYI MIR Research Journal, ISSN NO: 0130-7673

